

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/002589

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F02D41/02 F02D41/40 F02D41/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F02D F01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 100 33 159 A (DAIMLER CHRYSLER AG) 17 January 2002 (2002-01-17) the whole document	1, 3-9
A	FR 2 804 168 A (PEUGEOT CITROEN AUTOMOBILES SA) 27 July 2001 (2001-07-27) the whole document	1-11
A	EP 1 281 852 A (FIAT RICERCHE) 5 February 2003 (2003-02-05) the whole document	1-9
A	DE 199 32 290 A (VOLKSWAGENWERK AG) 11 January 2001 (2001-01-11) the whole document	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

9 February 2005

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17/02/2005

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INTERNATIONAL SEARCH REPORT

Annex to the international search report on patent family members

International Application No
PCT/FR2004/002589

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10033159	A	17-01-2002	DE 10033159 A1	17-01-2002
			DE 20023426 U1	29-04-2004
			FR 2811370 A1	11-01-2002
			IT RM20010391 A1	07-01-2003
FR 2804168	A	27-07-2001	FR 2804168 A1	27-07-2001
EP 1281852	A	05-02-2003	IT T020010786 A1	03-02-2003
			EP 1281852 A2	05-02-2003
			JP 2003106205 A	09-04-2003
			US 2003033800 A1	20-02-2003
DE 19932290	A	11-01-2001	DE 19932290 A1	11-01-2001
			AT 282769 T	15-12-2004
			DE 50008693 D1	23-12-2004
			WO 0104478 A1	18-01-2001
			EP 1218627 A1	03-07-2002